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| Sheet 1 of 2 | | | | 2 | At | Attorney Docket Number 00783CIP/LH | | | | | | |
| | • | | | | U.S. | PATI | ENT DOCUMENTS | | | | | |
| Exam. Inits* | Cite No¹ | Docume | ent Number | î | | Kind Code ² | Name of Patentee or Applicant | | Publication Date MM-DD-YYYY | Relevant Portion | | |
| iy | | 5,46 | 1,419 | | | | Yamada | | 10-24-1995 | | | |
| tes | | | | | | | Yamada | | 12-10-1996 | | | |
| iy | | 5,96 | 3,657 | | | | Bowker et al | | 10-05-1999 | | | |
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| | | | | | FOREI | GN PA | TENT DOCUMENTS | | | | | |
| Exam Inits' | Cite No ¹ | Offc, | Document | Number4 | | Kind Code ⁵ | Name of Patentee or Applicant | | Publication Date MM-DD-YYYY | Relevant Portion | \mathtt{T}^6 | |
| w | | PCT | WO 93/ | 04556 | | Al | Denyer et al | | 03-04-1993 | | | |
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¹ Unique citation designation number. ² See kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Place a check here if English translation is attached.

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PTO/SB/08B (08-00)

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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|---|--------------|------|-----|-----------------------------|--------------------|----------------------|--|----|--|
| | | | | | Filing Date | | Herewith | | |
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| Sheet | 2 | of 2 | | | Attorney D | 00783CIP/LH | | | |
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| | | OTE | IER | PRIOR ART | - NON-PA | TENT LITERATU | RE DOCUMENTS | | |
| Examiner Initials ¹ | Cite No.1 | | | | | | article, title of item, date, l/or country where published | T² | |
| w | | | | RACTS OF JAPAN 26, 1993. | ; Vol. 018, No | o. 137; March 7, 199 | 94; & JP 05-316432A (CANON INC.) | | |
| PATENT ABSTRACTS OF JAPAN; Vol. 1999, No. 12, October 29, 1999 and JP 11-205662 A (NISSA MOTOR CO., LTD.) Juy 30, 1999. | | | | | | | | | |
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| Examiner Signatur | | | 2 2 | | Date Considered | 3/17/04 | | | |

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